AMENDMENT TO THE CLAIMS

Claim 1 (previously presented): A method for providing improved teleservice messaging to a mobile station in a wireless communication network, comprising the steps of:

receiving at a network sending entity an indication of the maximum teleservice payload size that can be sent by said network sending entity to said mobile station via network receiving entities serving said mobile station;

utilizing said payload size indication at said network sending entity to format the size of teleservice messages sent by said network sending entity to said mobile station via said network receiving entities; and

said payload size indication being originated from one of said network receiving entities as a message parameter during standard registration message exchange involving said one network receiving entity.

Claim 2 (previously presented): A method in accordance with Claim 1 wherein said payload size indication is passed during standard registration message exchange from said one network receiving entity to a database associated with said mobile station, and wherein said payload size indication is passed during standard registration message exchange from said database to said network sending entity.

Claim 3 (previously presented): A method in accordance with Claim 1 wherein said payload size indication is passed during standard registration message exchange from said one network receiving entity to said network sending entity.

Claim 4 (previously presented): A method in accordance with Claim 1 wherein said one network receiving entity is a Mobile Switching Center (MSC).

Claim 5 (previously presented): A method in accordance with Claim 1 wherein said one network receiving entity is a Mobile Data Intermediate System (MDIS).

2

Claim 6 (previously presented): A method in accordance with Claim 1 wherein said one network receiving entity is a Serving GPRS Support Node (SGSN).

Claim 7 (previously presented): A method in accordance with Claim 1 wherein said network sending entity is one of a Short Message Service Center (SMSC), a Message Center (MC) or a Wireless Application Protocol (WAP) server.

Claim 8 (previously presented): A method in accordance with Claim 2 wherein said database is a Home Location Register (HLR).

Claim 9 (previously presented): A method in accordance with Claim 2 wherein said standard registration message exchange includes one of an Authentication On Initial Access message exchange, a Direct FeatureRequest With Call Routing message exchange, a LocationRequest message exchange, an OriginationRequest message exchange, a QualificationRequest message exchange, a RegistrationNotification message exchange, or a TransferToNumberRequest message exchange.

Claim 10 (previously presented): A method in accordance with Claim 3 wherein said standard registration message exchange includes one of an SMSNotification message exchange or an SMSRequest message exchange.

Claim 11 (previously presented): A system for providing improved teleservice messaging to a mobile station in a wireless communication network, comprising:

    means for receiving at a network sending entity an indication of the maximum teleservice payload size that can be sent by said network sending entity to said mobile station via network receiving entities serving said mobile station;

    means for utilizing said payload size indication at said network sending entity to format the size of teleservice messages sent by said network sending entity to said mobile station via said network receiving entities; and

means for originating said payload size indication from one of said network receiving entities as a message parameter during standard registration message exchange involving said one network receiving entity.

Claim 12 (previously presented): A system in accordance with Claim 11 wherein said originating means is adapted to pass said payload size indication during standard registration message exchange from said one network receiving entity to a database associated with said mobile station, and wherein said receiving means is adapted to receive said payload size indication during standard registration message exchange from said database to said network sending entity.

Claim 13 (previously presented): A system in accordance with Claim 11 wherein said receiving means is adapted to receive said payload size indication during standard registration message exchange from said one network receiving entity to said network sending entity.

Claim 14 (previously presented): A system in accordance with Claim 11 wherein said one network receiving entity is a Mobile Switching Center (MSC).

Claim 15 (previously presented): A system in accordance with Claim 11 wherein said one network receiving entity is a Mobile Data Intermediate System (MDIS).

Claim 16 (previously presented): A system in accordance with Claim 11 wherein said one network receiving entity is a Serving GPRS Support Node (SGSN).

Claim 17 (previously presented): A system in accordance with Claim 11 wherein said network sending entity is one of a Short Message Service Center (SMSC), a Message Center (MC) or a Wireless Application Protocol (WAP) server.

Claim 18 (previously presented): A system in accordance with Claim 12 wherein said database is a Home Location Register (HLR).

Claim 19 (previously presented): A system in accordance with Claim 12 wherein said standard registration message exchange includes one of an Authentication On Initial Access message exchange, a Direct FeatureRequest With Call Routing message exchange, a LocationRequest

4

message exchange, an OriginationRequest message exchange, a QualificationRequest message exchange, a RegistrationNotification message exchange, or a TransferToNumberRequest message exchange.

Claim 20 (previously presented): A system in accordance with Claim 13 wherein said standard registration message exchange includes one of an SMSNotification message exchange or an SMSRequest message exchange.

Claim 21 (previously presented): A method for providing improved teleservice messaging to a mobile station in a wireless communication network, comprising the steps of:

providing to a network sending entity an indication of the maximum teleservice payload size that can be sent by said network sending entity to said mobile station via network receiving entities serving said mobile station;

said maximum teleservice payload size indication being utilizable by said sending network entity to format the size of teleservice messages sent by said network sending entity to said mobile station via said network receiving entities; and

said payload size indication being originated from one of said network receiving entities as a message parameter during standard registration message exchange involving said one network receiving entity.

Claim 22 (previously presented): A method in accordance with Claim 21 wherein said payload size indication is passed during standard registration message exchange from said one network receiving entity to a database associated with said mobile station, and wherein said payload size indication is passed during standard registration message exchange from said database to said network sending entity.

Claim 23 (previously presented): A method in accordance with Claim 21 wherein said payload size indication is passed during standard registration message exchange from said one network receiving entity to said network sending entity.

5

Claim 24 (previously presented): A method in accordance with Claim 21 wherein said one network receiving entity is a Mobile Switching Center (MSC).

Claim 25 (previously presented): A method in accordance with Claim 21 wherein said one network receiving entity is a Mobile Data Intermediate System (MDIS).

Claim 26 (previously presented): A method in accordance with Claim 21 wherein said one network receiving entity is a Serving GPRS Support Node (SGSN).

Claim 27 (previously presented): A method in accordance with Claim 21 wherein said network sending entity is one of a Short Message Service Center (SMSC), a Message Center (MC) or a Wireless Application Protocol (WAP) server.

Claim 28 (previously presented): A method in accordance with Claim 22 wherein said database is a Home Location Register (HLR).

Claim 29 (previously presented): A method in accordance with Claim 22 wherein said standard registration message exchange includes one of an Authentication On Initial Access message exchange, a Direct FeatureRequest With Call Routing message exchange, a LocationRequest message exchange, an OriginationRequest message exchange, a QualificationRequest message exchange, a RegistrationNotification message exchange, or a TransferToNumberRequest message exchange.

Claim 30 (previously presented): A method in accordance with Claim 23 wherein said standard registration message exchange includes one of an SMSNotification message exchange or an SMSRequest message exchange.

Claim 31 (previously presented): A system for providing improved teleservice messaging to a mobile station in a wireless communication network, comprising:

means for providing to a network sending entity an indication of the maximum teleservice payload size that can be sent by said network sending entity to said mobile station via network receiving entities serving said mobile station;

6

said maximum teleservice payload size indication being utilizable by said sending network entity to format the size of teleservice messages sent by said network sending entity to said mobile station via said network receiving entities; and

means for originating said payload size indication from one of said network receiving entities as a message parameter during standard registration message exchange involving said one network receiving entity.

Claim 32 (previously presented): A system in accordance with Claim 31 wherein said originating means is adapted to provide said payload size indication during standard registration message exchange from said one network receiving entity to a database associated with said mobile station, and wherein said providing means is adapted to provide said payload size indication during standard registration message exchange from said database and said network sending entity.

Claim 33 (previously presented): A system in accordance with Claim 31 wherein said providing means is implemented using said originating means to provide said payload size indication from said one network receiving entity during standard registration message exchange between said one network receiving entity and said network sending entity.

Claim 34 (previously presented): A method in accordance with Claim 31 wherein said one network receiving entity is a Mobile Switching Center (MSC).

Claim 35 (previously presented): A system in accordance with Claim 31 wherein said one network receiving entity is a Mobile Data Intermediate System (MDIS).

Claim 36 (previously presented): A system in accordance with Claim 31 wherein said one network receiving entity is a Serving GPRS Support Node (SGSN).

Claim 37 (previously presented): A system in accordance with Claim 31 wherein said network sending entity is one of a Short Message Service Center (SMSC), a Message Center (MC) or a Wireless Application Protocol (WAP) server.

7

Claim 38 (previously presented): A system in accordance with Claim 31 wherein said database is a Home Location Register (HLR).

Claim 39 (previously presented): A system in accordance with Claim 32 wherein said standard registration message exchange includes one of an Authentication On Initial Access message exchange, a Direct FeatureRequest With Call Routing message exchange, a LocationRequest message exchange, an OriginationRequest message exchange, a QualificationRequest message exchange, a RegistrationNotification message exchange, or a TransferToNumberRequest message exchange.

Claim 40 (previously presented): A system in accordance with Claim 33 wherein said standard registration message exchange includes one of an SMSNotification message exchange or an SMSRequest message exchange.

Claim 41 (currently amended): In an a wireless communication system, a method for providing improved teleservice messaging to a mobile station communicating through the wireless communication system, comprising the steps of:

receiving at a network sending entity an indication of the maximum teleservice payload size that can be sent by said network sending entity to said wireless station via network receiving entities serving said mobile station;

utilizing said payload size indication at said network sending entity to format the size of teleservice messages sent by said network sending entity to said mobile station via said network receiving entities;

said receiving step including receiving said payload size indication from one of said network receiving entities at said network sending entity via a database associated with said mobile station; and

said receiving step further including first receiving said payload size indication at said database and thereafter at said network sending entity during standard registration message exchange between one of said network receiving entities and said database, and

8

between said database and said network sending entity, respectively, during operations of said wireless communication system.

Claim 42 (currently amended): In an a wireless communication system, a method for providing improved teleservice messaging to a mobile station communicating through the wireless communication system, comprising the steps of:

providing to a network sending entity an indication of the maximum teleservice payload size that can be sent by said network sending entity to said wireless station via network receiving entities serving said mobile station;

said payload size indication being utilizable at said network sending entity to format the size of teleservice messages sent by said network sending entity to said mobile station via said network receiving entities;

said providing step including providing said payload size indication from one of said network receiving entities to said network sending entity via a database associated with said mobile station; and

said providing step further including providing said payload size indication to said database and to said network sending entity during standard registration message exchange between one of said network receiving entities and said database, and between said database and said network sending entity, respectively, during operations of said wireless communication system.

9